

Abstract of the Disclosure:

A switching device for bi-directionally equalizing charge between energy accumulators, particularly between capacitive energy accumulators in a motor vehicle electric system, includes: an integrated starter generator; a first connection coupled to the integrated starter generator; a second connection coupled to an energy source; a controllable transfer gate having a first load current-conducting path connected between the first and second connection, and a controllable switching controller having a second load current-conducting path connected between the first and second connection in parallel to the first load current-conducting path. There is also provided a motor vehicle electric system with such a switching device, and the implementation and use of a switching controller in a transfer gate for such a switching device.